



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090482

Mode: Highway

Status: Submitted

US-23 BUS (South Main Street)

From/Cross Street: SR 1164 (Hyatt Creek Road)

Specific Improvement Type: 1 - Widen Existing Roadway

To: US 276 (Pigeon Street)

Project Category: Regional Impact

Length: 2.09

TIP#: U-4712

Fully Funded in Draft STIP? No

Cost to NCDOT: \$44,685,000

Description:

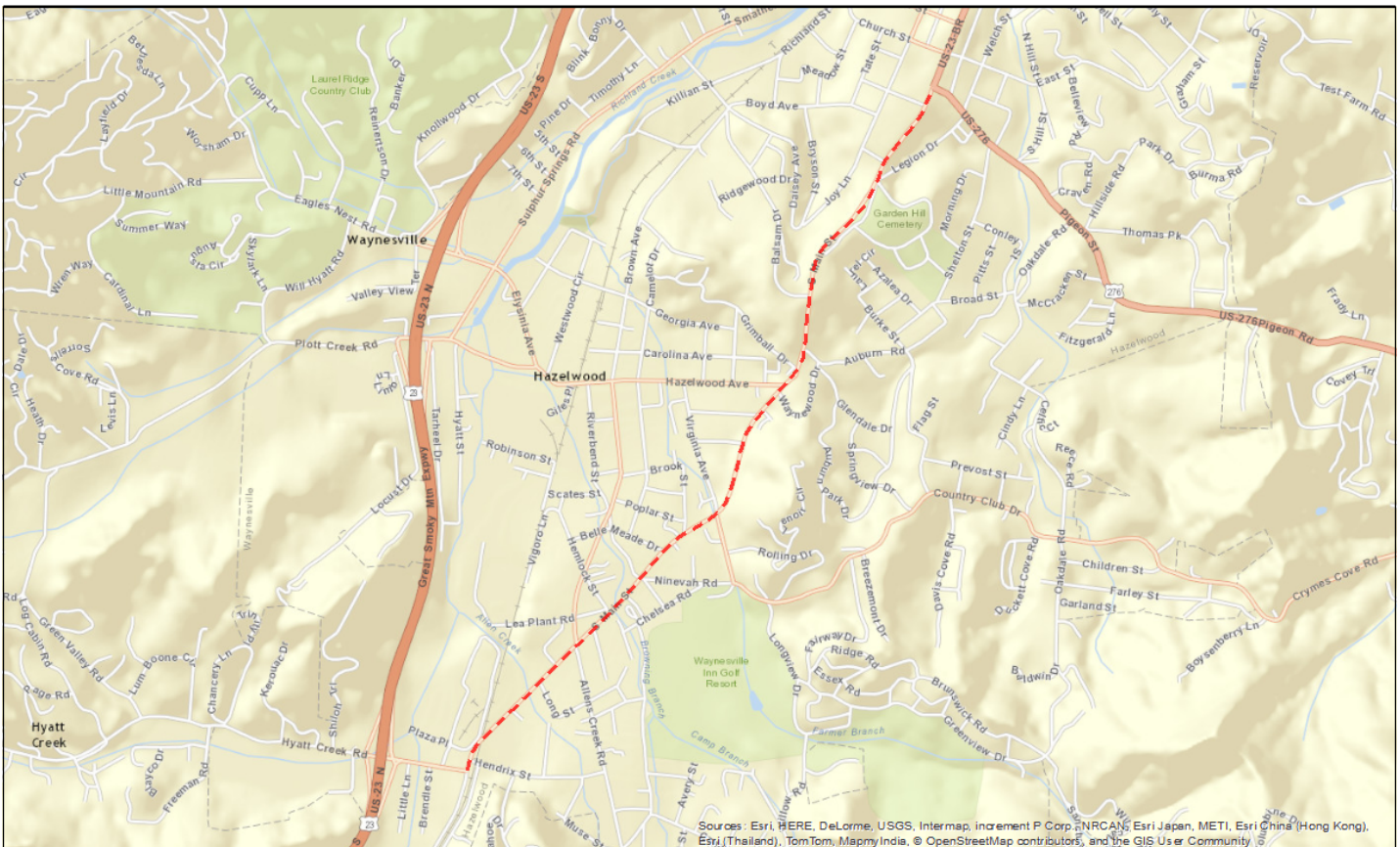
SR 1164 (Hyatt Creek Road) to US 276. Widen to Multi-Lanes. Feasibility Study Underway

Division(s): Division 14

County(s): HAYWOOD

MPOS(s)/RPO(s): French Broad River MPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 32.06

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 37.99	Percent: 15%	Percent: 15%
Safety (10%) 71.85	Points: 0	Points: 100
[Travel Time] Benefit/Cost (25%) 0.28		
Accessibility / Connectivity (10%) 3.02		
Totals: Weight: 70% Weighted Score: 17.06		

Division Needs Total Score: 14.84

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 37.99	Percent: 25%	Percent: 25%
Safety (10%) 71.85	Points: 0	Points: 0
[Travel Time] Benefit/Cost (20%) 0.28		
Totals: Weight: 50% Weighted Score: 14.84		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	35
Length (miles):	2.09
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	9051.87
Capacity:	15800
Volume/Capacity Ratio:	0.57
% Autos:	97%
% Trucks:	3%
Truck Volume:	251.61
Crash Density:	79.22
Crash Severity:	74.51
Critical Crash Rate:	61.85
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	19
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	66
Actual Congested Speed:	0
Travel Time Index:	0

Project Benefits

Project Cross-Section:	4D - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, Bike Lanes, and Sidewalks
Speed Limit:	35
Length (miles):	2.09
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	562045.34
Travel Time Savings for 30 Years (Autos):	546422.55
Travel Time Savings for 30 Years (Trucks):	15622.79
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 14

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 14	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
French Broad River MPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$28,956,000	TIP Unit
Right-of-Way Cost:	\$14,044,000	Cost Estimation Tool
Utilities Cost:	\$1,685,000	Cost Estimation Tool
Total Project Cost:	\$44,685,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$44,685,000	